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U.S. Express Mail No.: EU092830426US

Attorney Docket No.: AM-2602.C1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**PATENT APPLICATION TRANSMITTAL LETTER**

In Re Patent Application Of:	)	Art Group: 1756
Jeng H. Hwang et al.	)	(Parent Application)
Application No.: Not Yet Assigned	)	Examiner: N. Barreca
Filing Date: January 24, 2002	)	(Parent Application)
Title: MASKING METHODS AND ETCHING	)	Attorney Docket No.:
SEQUENCES FOR PATTERNING	)	AM-2602.C1
ELECTRODES OF HIGH DENSITY	)	
RAM CAPACITORS	)	
	)	January 24, 2002

**CERTIFICATE OF MAILING UNDER 37 CFR § 1.10**

"U.S. EXPRESS MAIL" MAILING LABEL NUMBER : EU092830426US

DATE OF DEPOSIT: January 24, 2002

I hereby certify that this application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 having the MAILING LABEL NUMBER referenced above, addressed to the **Commissioner for Patents, Box Patent Application, Washington, DC 20231** on the DATE OF DEPOSIT referenced above.

Shirley L. Church (Signature)

By: Shirley L. Church, Reg. No. 31,858 (Type Name)

Signature Date: January 24, 2002

**CONTINUATION APPLICATION TRANSMITTAL LETTER**

**BOX: Patent Application**

Commissioner for Patents

Washington, DC 20231

Sir:

Applicant hereby files a [X] continuation [ ] divisional [ ] continuation-in-part application under 37 CFR § 1.53(b) of the prior complete application identified below.

**IDENTIFICATION OF PRIOR COMPLETE APPLICATION**

Title: As originally filed - IMPROVED MASKING METHODS AND ETCHING SEQUENCES FOR PATTERNING ELECTRODES OF HIGH DENSITY RAM CAPACITORS

Application Number: 09/421,467

Filing Date: October 19, 1999

Inventors: Jeng H. Hwang; Steve S. Y. Mak; True-Lon Lin; Chentsau Ying;  
John W. Schaller

Enclosed is a copy of the original, first, prior complete application, including a copy of the oath or declaration showing the signature of the inventors. The enclosed papers are a true copy of the prior complete application as filed, including the specification, claims, drawings and signed oath or declaration, and any amendments referred to in the oath or declaration filed to complete the prior application.

#### INVENTORS

1. ☒ The inventors of the present application are the same as in the prior complete application.
2. ☐ The inventor(s) of the present application have been changed to include the following named inventor(s): \_\_\_\_\_
  - a. ☐ It is requested that the following persons be deleted as inventor(s) in the present application: \_\_\_\_\_
  - b. ☐ The present application is a continuation-in-part of the prior complete application, and an oath or declaration as required under 37 CFR § 1.63 accompanies this paper.

#### AMENDMENTS

3. ☐ Enter the amendment previously filed under 37 CFR § 1.116, but unentered, in the prior application.
4. ☒ A preliminary amendment is enclosed.
5. ☒ Amend the specification by inserting before the first line the sentence: -- This application is a continuation application of Application Serial No. 09/421,467, filed October 19, 1999, which is currently pending. Application Serial No. 09/421,467 is a continuation-in-part of the following applications: Serial No. 09/251,588, filed February 17, 1999, which is abandoned; Serial No. 09/251,826, filed February 17, 1999, which issued as U.S. Patent No. 6,323,132, on November 27, 2001; and Serial No. 09/251,633, which issued as U.S. Patent No. 6,265,318, on July 24, 2001. Application Serial Nos. 09/251,588; 09/251,826; and 09/251,633 are continuations-in-part of Application Serial No. 09/006,092, filed January 13, 1998, which is abandoned.

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6. ☒ The title in the present application is as follows: MASKING METHODS AND ETCHING SEQUENCES FOR PATTERNING ELECTRODES OF HIGH DENSITY RAM CAPACITORS.

#### INTERNATIONAL PRIORITY

7. ☐ Priority of Application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_, in \_\_\_\_\_(country) is claimed under 35 USC § 119.
8. ☐ The certified copy of the priority application:
- ☐ is enclosed;
  - ☐ was filed on \_\_\_\_\_ in prior Application Serial No. \_\_\_\_\_; filed on \_\_\_\_\_;
  - ☐ has not yet been filed.

#### PRIORITY UNDER 35 USC § 120

9. ☒ Applicants hereby claim priority under 35 USC § 120, wherein the priority applications are Serial Nos. 09/421,467; 09/251,588; 09/251,826; 09/251,633; and 09/006,092.

#### ATTORNEY OR AGENT OF RECORD

10. ☒ The power of attorney in the prior application is to: Michael L. Sherrard (Reg. No. 28,041); Peter J. Sgarbossa (Reg. No. 25,610); Donald Verplancken (Reg. No. 33,217); Lawrence Edelman (Reg. No. 25,225); Michael B. Einschlag (Reg. No. 29,301); Raymond Kam-On Kwong (Reg. No. 37,165); James C. Wilson (Reg. No. 35,412); Robert W. Mulcahy (Reg. No. 25,436); Robert C. Colwell (Reg. No. 27,431); and William Shaffer (Reg. No. 37,234).
- a. ☒ The power appears in the original papers in the prior application.
  - b. ☐ Since the power does not appear in the original papers, a copy of the power in the prior application is enclosed.

11. ☒ A copy of the Declaration & Power of Attorney is enclosed.

12. ☒ A copy of an Associate Power of Attorney in the parent application is enclosed. The Associate Power is to: Shirley L. Church (Reg. No. 31,858) and Kathi Bean (Reg. No. 36,644).

#### OTHER

13. ☒ Also enclosed: Copy of the Assignment document, with Recordation Cover Sheet, in the parent application.

14. ☐ Cancel in this application Claims \_\_\_\_ of the prior application before calculating the filing fee. (At least one independent claim must be retained for filing purposes.)
15. ☐ Cancel in this application all claims of the prior application and substitute the claims contained in the attached Preliminary Amendment prior to calculating the filing fee.
16. ☐ Add the additional claims in the attached Preliminary Amendment prior to calculating the filing fee.

#### FEES DUE

17.

CLAIMS					
	NO. OF CLAIMS		EXTRA CLAIMS	RATE	FEE
Basic Application Fee					\$ 740.00
Total Claims	28	MINUS 20 =	8	x \$18 =	144.00
Independent Claims	5	MINUS 3 =	2	x \$84 =	168.00
If multiple dependent claims are presented, add \$270.00					00.00
<b>TOTAL APPLICATION FEE DUE</b>					<b>\$1,052.00</b>

18. ☐ A Petition for Extension of Time to respond to the outstanding official action in the prior application, up to and including the filing date of the present application, is enclosed, the fee for which is \$
19. ☒ New drawings are enclosed (☒ formal ☐ informal)

#### PAYMENT OF FEES

20. The full fee due in connection with this communication is \$ 1,052.00, and is provided as follows:
- a. ☐ Check No. \_\_\_\_ in the amount of \$ \_\_\_\_ is enclosed.
- b. ☒ The Commissioner is hereby authorized to charge the filing fee of \$ 1,052.00, as well as any additional fees which may be due under 37 CFR § 1.16 and § 1.17, which are required by this paper, and to credit any overpayment, to Deposit Account No. 50-1074 of Applied Materials, Inc., Santa Clara, California.

U.S. Express Mail No.: EU092830426US  
Attorney Docket No.: AM-2602.C1

This transmittal letter is submitted in duplicate.

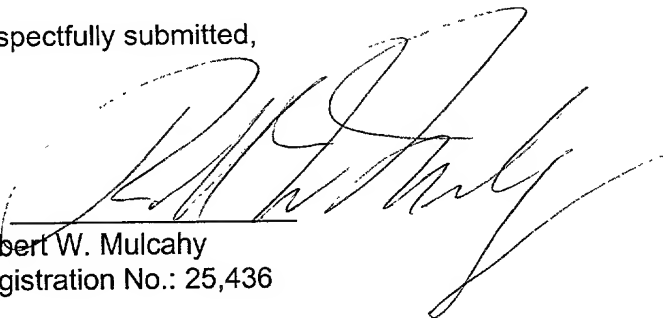
**CORRESPONDENCE ADDRESS**

Address all future communications to:

Patent Counsel  
Applied Materials, Inc.  
P.O. Box 450 A  
Santa Clara, California 95052

Respectfully submitted,

Date: January 24, 2002

By:   
Robert W. Mulcahy  
Registration No.: 25,436